BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Providing Chain Link Fencing and Development of Parks in Government open Lands in Ward No. 11 (Kuvempungara), Vidyaranyapura Sub Division.

							Estimate Cost Rs.		5000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, **No. 5/ Item No. 2.1/ PWD**	Cum							
	Ramachandrapura Park Main Road		1	105.00	100.00	0.30	3150.00		
	Kuvempunagara 2nd Stage near Kashivishwanatha Temple		1	50.00	50.00	0.35	875.00		
	Kuvempunagara 2nd Stage opp Busstop Adjacent toMain Road		1	45.00	45.00	0.35	708.75		
							4733.75	126.36	**598157.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	KSRRB 300-1. Earth work excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2/ PWD SR 2013-14**	cum							
	Ramachandrapura Park Main Road		181	0.60	0.60	0.60	39.10		
	Kuvempunagara 2nd Stage near Kashivishwanatha Temple		80	0.60	0.60	0.60	17.28		
	Kuvempunagara 2nd Stage opp Busstop Adjacent toMain Road		75	0.60	0.60	0.60	16.20		
	For Gate		2x3	0.60	0.60	0.60	1.30		
							73.87	90.72	**6702.00**
	Basic Rate	84.00							
	Area Weightage @ 8%	6.72							
	Total	**90.72**							
3	KSRRB M300-53: Construction of **embankment** with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) **MORTH specification No. 305, No. 159 / Item No. 19.60 / PWD SR 2013-14**	Cum							
	For Road Work		1	105.00	100.00	0.30	3150.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	50.00	50.00	0.30	750.00		
			1	45.00	45.00	0.30	607.50		
							4507.50	166.32	**749687.00**
	Basic Rate	154.00							
	Area Weightage @ 8%	12.32							
	Total	**166.32**							
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2013-14**	Cum							
	Ramachandrapura Park Main Road		181	0.60	0.60	0.15	9.77		
	Kuvempunagara 2nd Stage near Kashivishwanatha Temple		80	0.60	0.60	0.15	4.32		
	Kuvempunagara 2nd Stage opp Busstop Adjacent toMain Road		75	0.60	0.60	0.15	4.05		
	For Gate		2x3	0.60	0.60	0.15	0.32		
							18.47	4290.84	**79243.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
5	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14**	Cum							
	Ramachandrapura Park Main Road		181	0.60	0.60	0.45	29.32		
	Kuvempunagara 2nd Stage near Kashivishwanatha Temple		80	0.60	0.60	0.45	12.96		
	Kuvempunagara 2nd Stage opp Busstop Adjacent toMain Road		75	0.60	0.60	0.45	12.15		
	For Gate		2x3	0.60	0.60	0.45	0.97		
							55.40	6464.88	**358180.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Supplying and fixing **M.S Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded to gether and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting. (excluding cost of earth work and concrete) **PWD SR 2013-14 (P. 270 / I. 37.2)**	m							
			181	2.10			380.10		
			80	2.10			168.00		
			75	2.10			157.50		
	For Gate		2x3	2.50			15.00		
							720.60	1098.36	**791478.00**
	Basic Rate	1017.00							
	Area Weightage @ 8%	81.36							
	Total	**1098.36**							
7	Providing and fixing **M.S. Block pipe of 38mm dia, of heavy guage of 14** including removing the bends, cutting the pipe, and fixing pipe in between the two vertical poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials, wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc. complete including two coats of approved quality paint over one coat of shop paint **PWD SR 2013-14 (P. 265 / I. 37.4)**	m							
			3	435.00			1305.00		
			3	190.00			570.00		
			3	180.00			540.00		
			3x3	5.00			45.00		
							2415.00	299.16	**722471.00**
	Basic Rate	277.00							
	Area Weightage @ 8%	22.16							
	Total	**299.16**							
8	Providing **chain link fencing 50mm size** of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at to and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc complete as per direction of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint. **PWD SR 2013-14 (P. 270 / I. 37.3)**	Sqm							
			1	435.00		1.50	652.50		
			1	190.00		1.50	285.00		
			1	180.00		1.50	270.00		
			3	5.00		2.00	30.00		
							1237.50	656.64	**812592.00**
	Basic Rate	608.00							
	Area Weightage @ 8%	48.64							
	Total	**656.64**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1+2				**4759.55**	72.36	**344401.00**
	Average weight of earth 1.28 tonne / kg for 2X1.20X2.00=12.00	4.80							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.00							
	Area Weightage @ 8%	5.36							
	Total	**72.36**							
10	**Sub Total**								**4462911.00**
11	KRIDL Service Charges and Applicable Taxes @ 11%								**490920.00**
12	For Third Part QC Inspection Charges @ 1% of Estimate Cost								**44629.00**
13	Miscesallaneous Charges	L/S							**1540.00**
								Total	**5000000.00**

(Rupees Fifty Lakhs Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of PWD 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for Rs. 50.00 lakhs
Fifty lakhs only
P 0190
SB/YEL/382/14-15,
Registered as the letter to conditions contained memo. Dt. 3/3/14
No: SE/YEL/382/14-15
SE (BTP.Dn)
AEE/JE

ADMINISTRATIVELY SANCTIONED FOR Rs. 50.00 lakhs
Rupees Fifty lakhs only
Under P-0190
Add Comr (Yz) AS/936/
dated 28/2/2014 Rs. 50.00 lakhs
Addl Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92